

INTERNATIONAL SEARCH REPORT

International Application No
P /US2004/020226

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 F03H1/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 F03H B64G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 373 023 B1 (HOSKINS WILLIAM A ET AL) 16 April 2002 (2002-04-16) column 5, lines 37-47 column 6, lines 50-55 column 7, lines 52-55 column 8, lines 1-28 figures 1,7	1-6, 8-10, 12-19, 21-29
A	US 6 459 205 B1 (RIEDE WOLFGANG ET AL) 1 October 2002 (2002-10-01) the whole document	1,16,23, 29
A	US 6 488 233 B1 (MYRABO LEIK N) 3 December 2002 (2002-12-03) the whole document	1
		-/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the International filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the International filing date but later than the priority date claimed

- *T* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the International search

10 November 2004

Date of mailing of the International search report

17/11/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Giorgini, G

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 530 212 B1 (LUKE JAMES ET AL) 11 March 2003 (2003-03-11) the whole document -----	1

Information on patent family members

International Application No
'US2004/020226

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
US 6373023	B1 16-04-2002	NONE		
US 6459205	B1 25-04-2002	DE 10017343 A1 US 2002047673 A1		18-10-2001 25-04-2002
US 6488233	B1 03-12-2002	NONE		
US 6530212	B1 11-03-2003	NONE		

BEST AVAILABLE COPY